



## WOMEN IN RESEARCH:

# The Involvement of Women in Career Development, Ruth L. Kirschstein NRSA Training and Fellowship Programs, and NIH Extramural Research

*Indication of sex/gender is a voluntary field on the personal data form of the grant application. Information presented in this slide set is based upon those individual who have selected a sex/gender on the grant application. A small percentage of grants have un-coded sex/gender information and have therefore been excluded from the data presented.*





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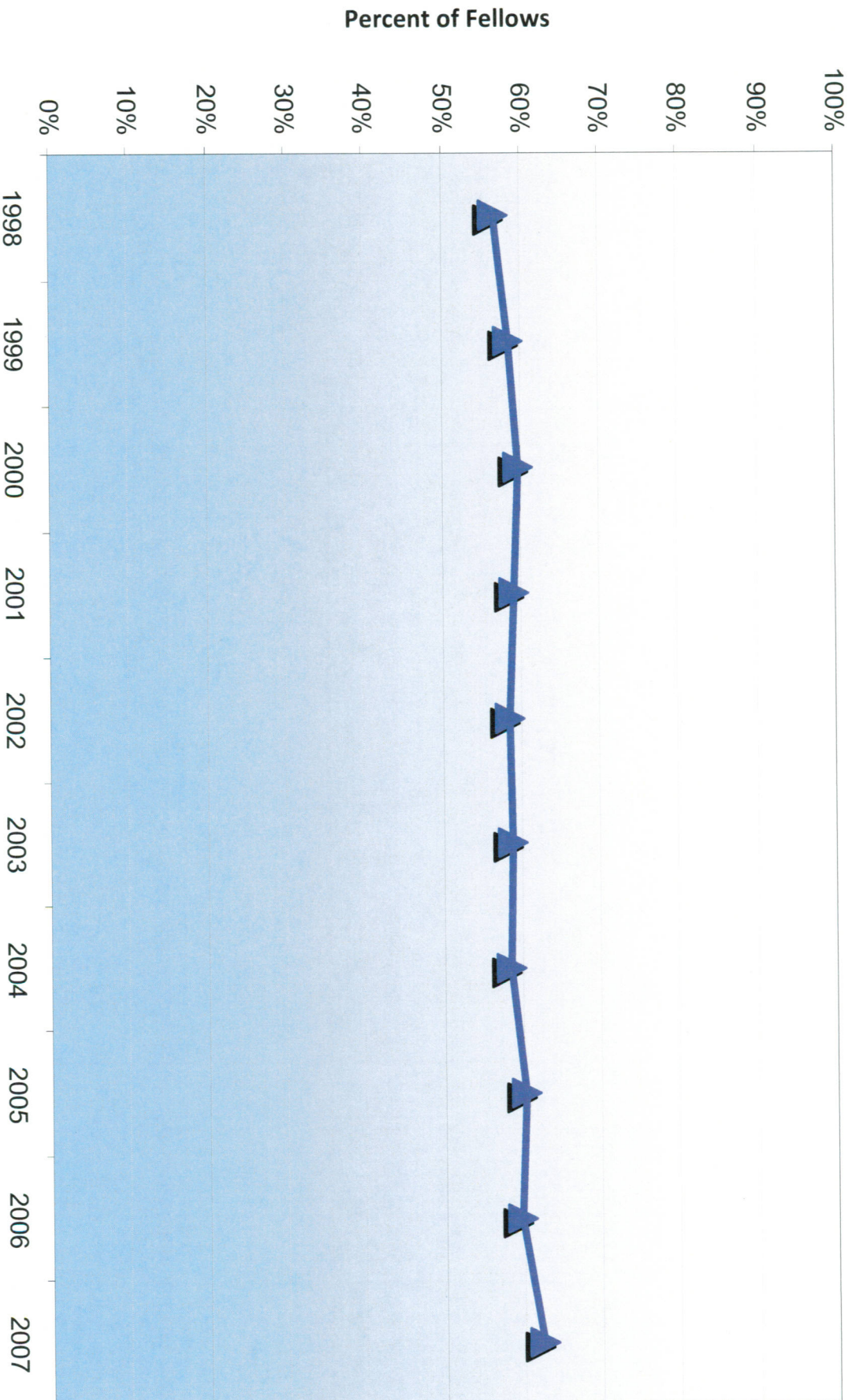
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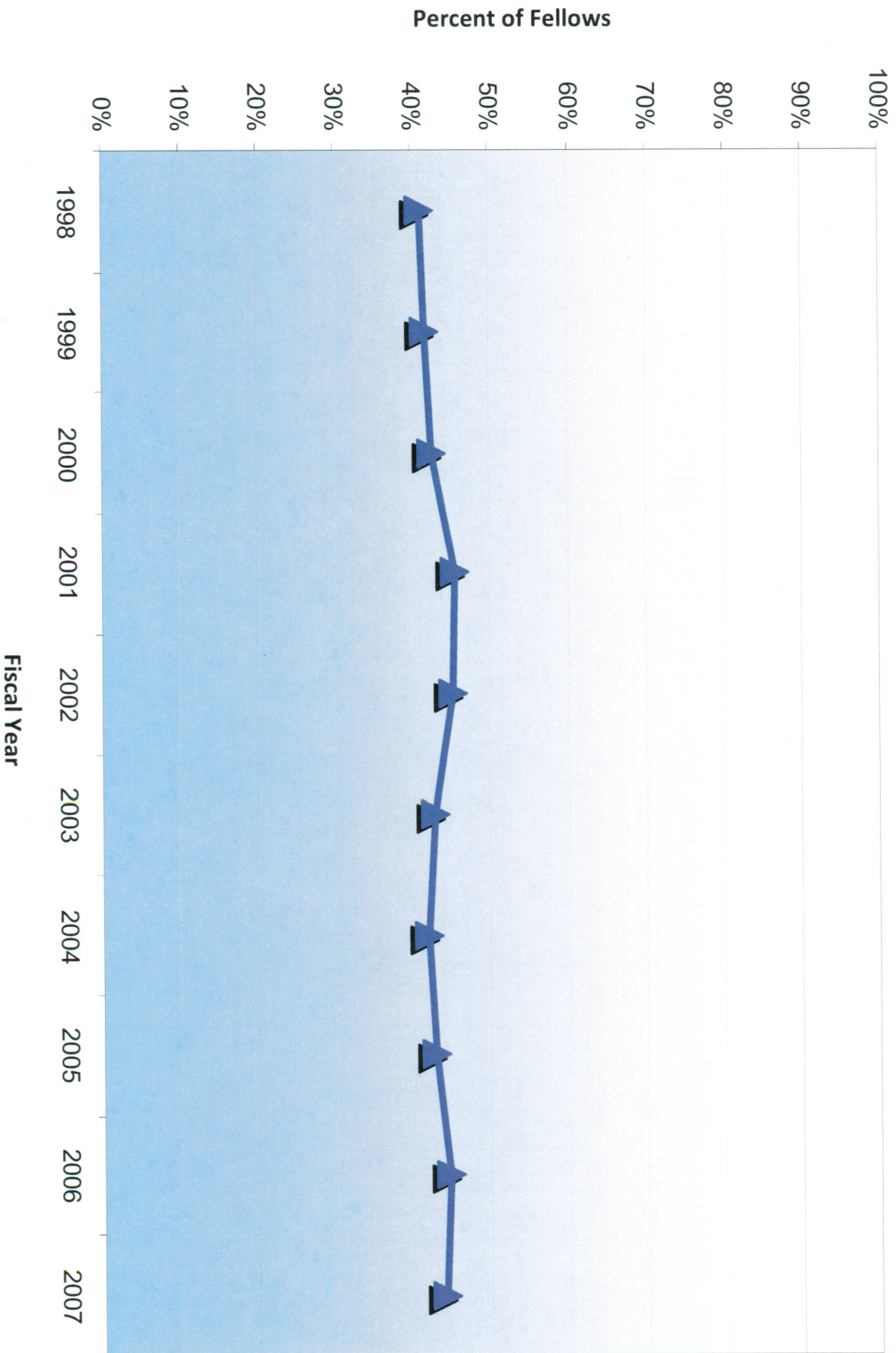


# PERCENT OF WOMEN PRE-DOCTORAL (F30 & F31) KIRSCHSTEIN-NRSA FELLOWS



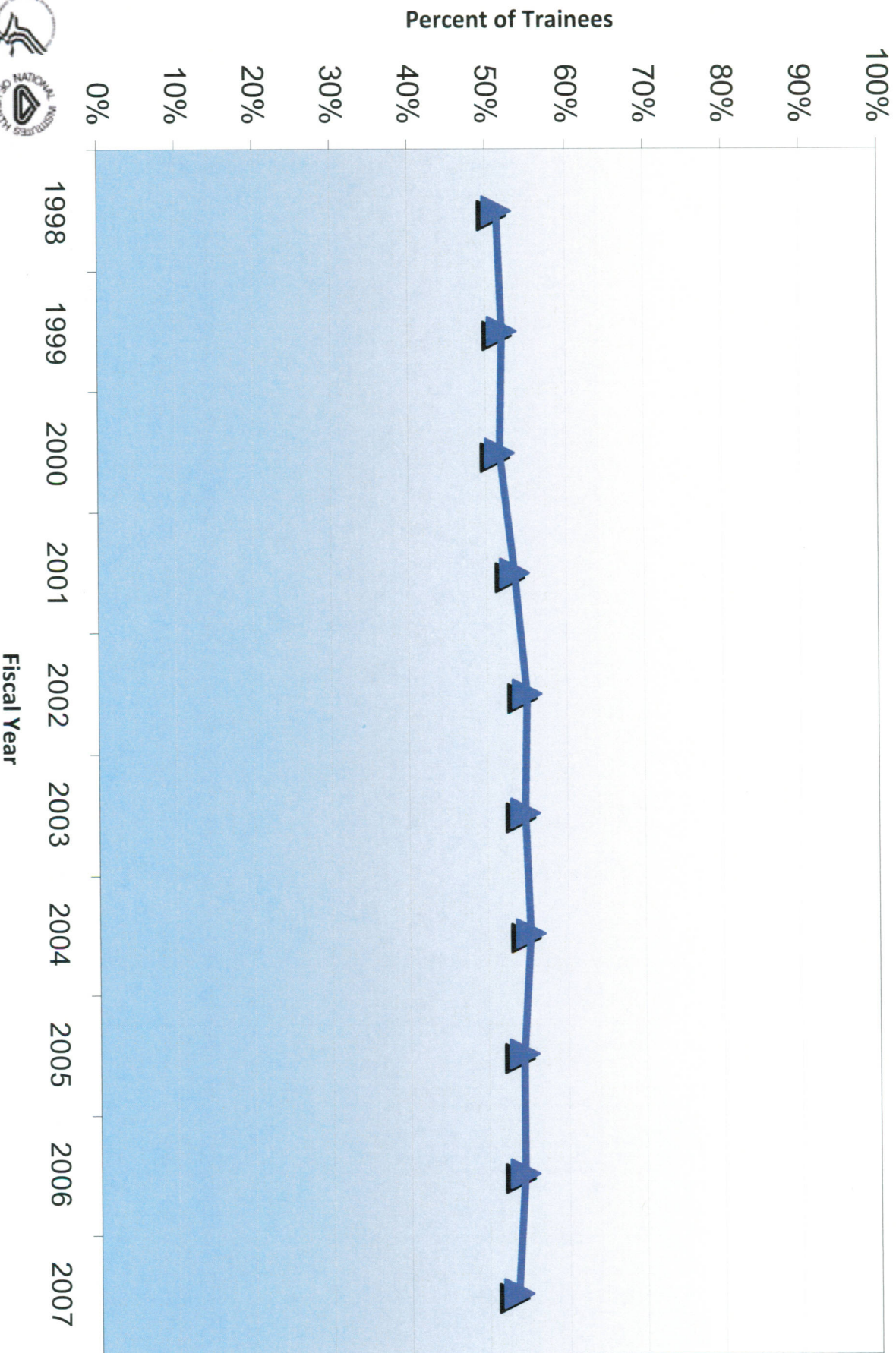


# PERCENT OF WOMEN POST-DOCTORAL (F32) KIRSCHSTEIN-NRSA FELLOWS



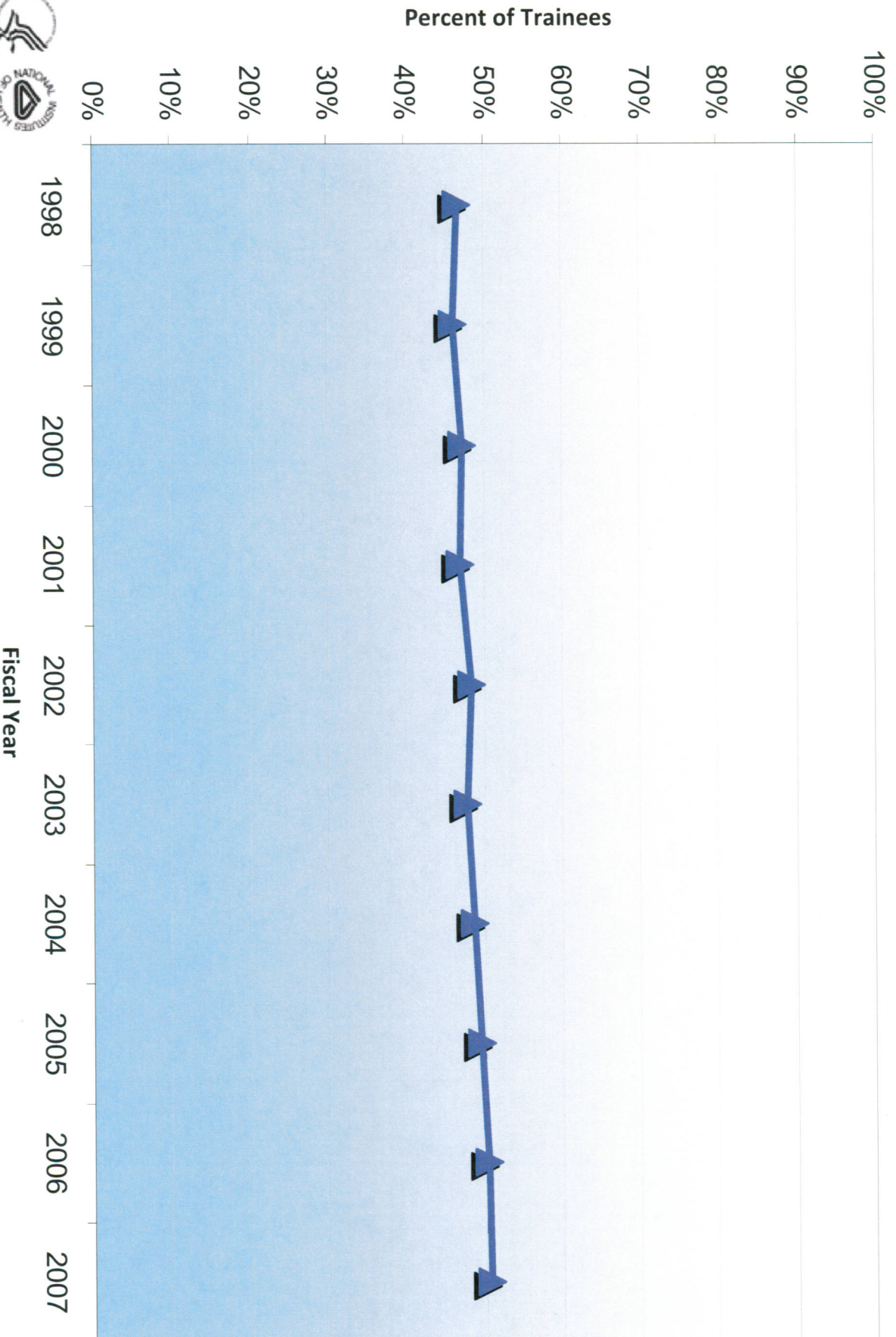


# PERCENT OF WOMEN PRE-DOCTORAL KIRSCHSTEIN-NRSA INSTITUTIONAL RESEARCH TRAINEES



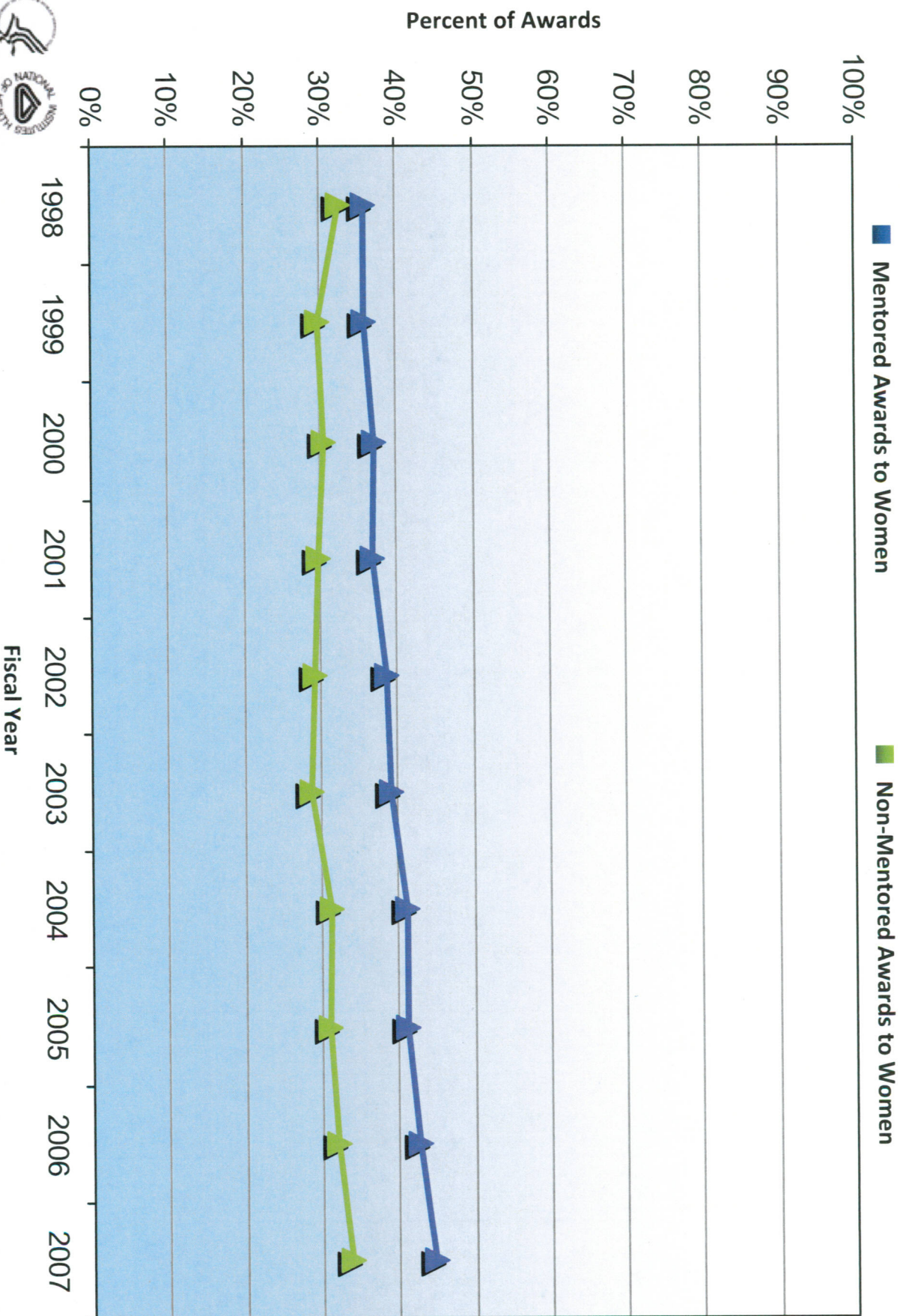


# PERCENT OF WOMEN POST-DOCTORAL KIRSCHSTEIN-NRSA INSTITUTIONAL RESEARCH TRAINEES



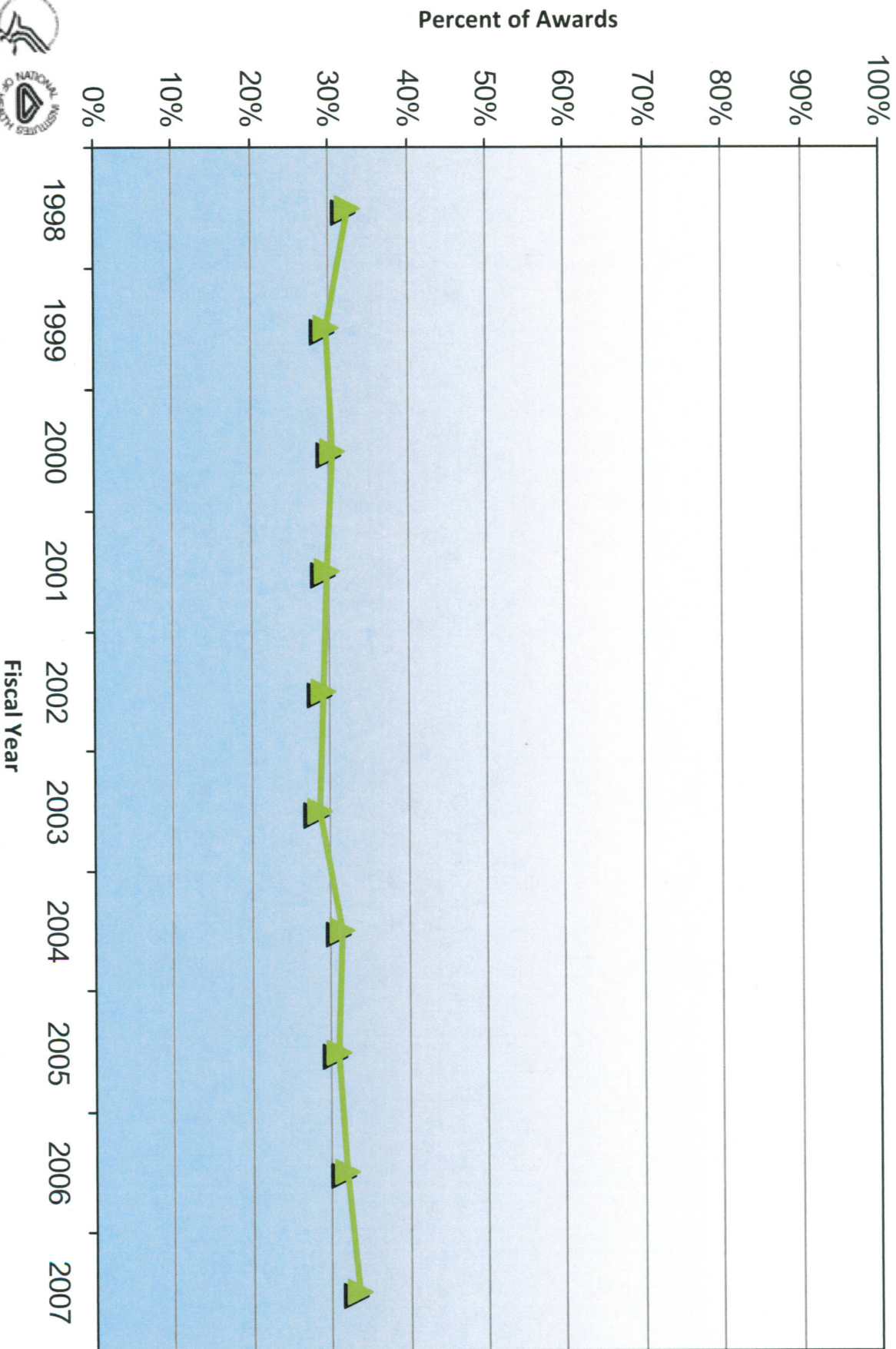


# PERCENT OF MENTORED (K01, K08, K23) AND NON-MENTORED (K02, K04) RESEARCH CAREER DEVELOPMENT AWARDS TO WOMEN





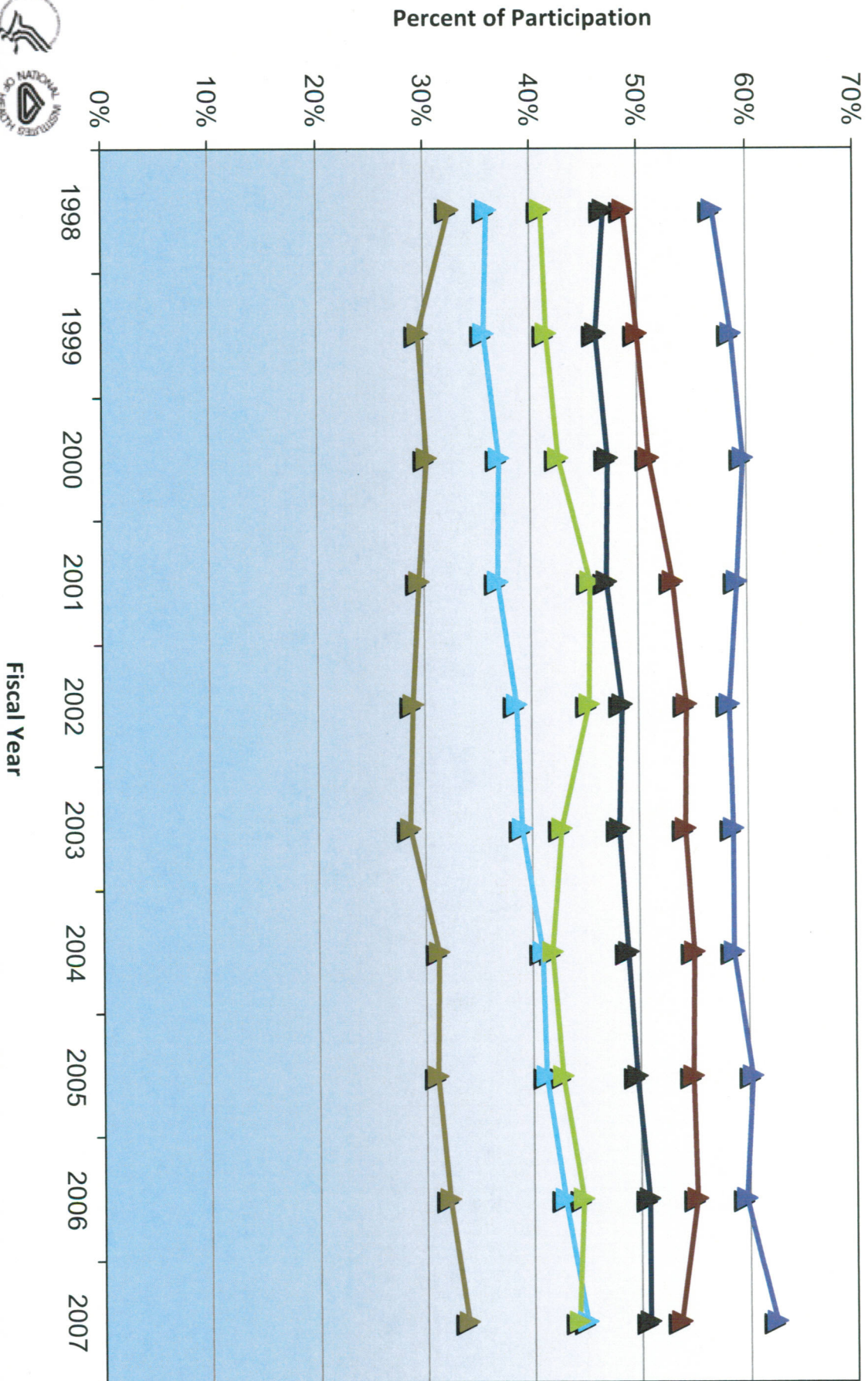
# PERCENT OF OTHER RESEARCH CAREER DEVELOPMENT (K02, K24) AWARDS TO WOMEN





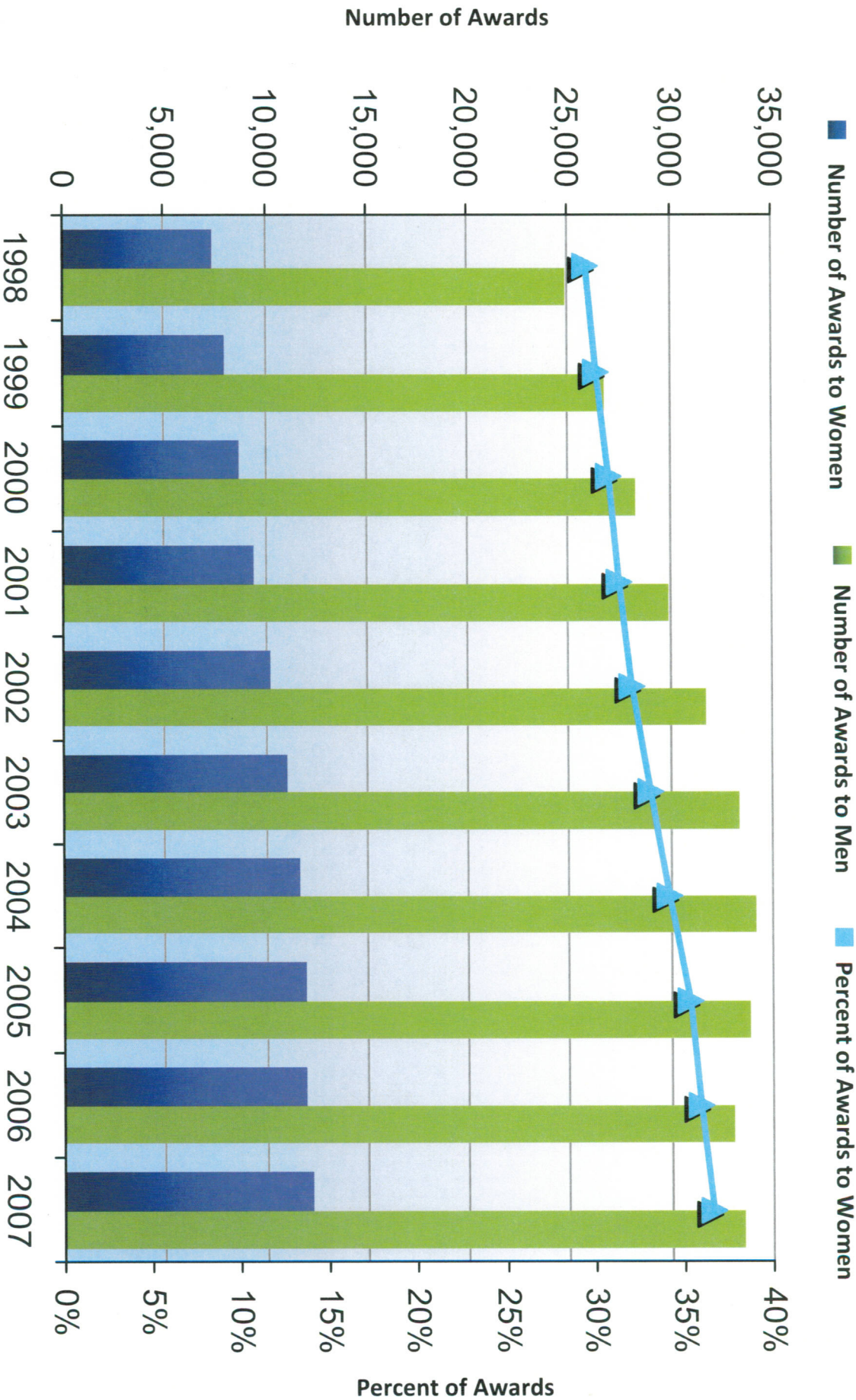


# PARTICIPATION RATES FOR WOMEN IN SELECT RESEARCH TRAINING AND CAREER DEVELOPMENT ACTIVITIES





# NUMBER AND PERCENT OF RESEARCH GRANT AWARDS TO WOMEN AND MEN

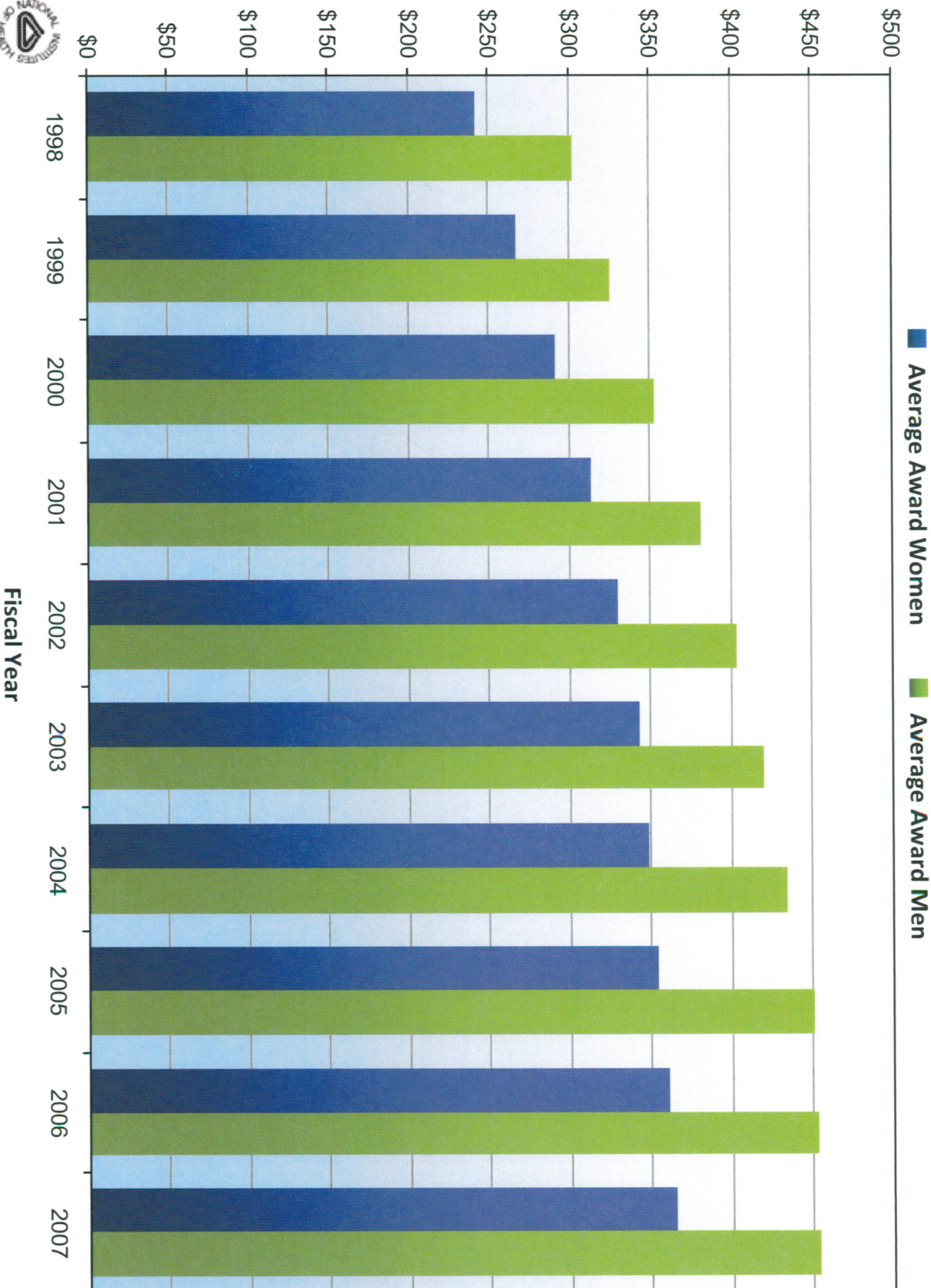




# AVERAGE AWARD AMOUNT OF RESEARCH GRANTS TO WOMEN AND MEN

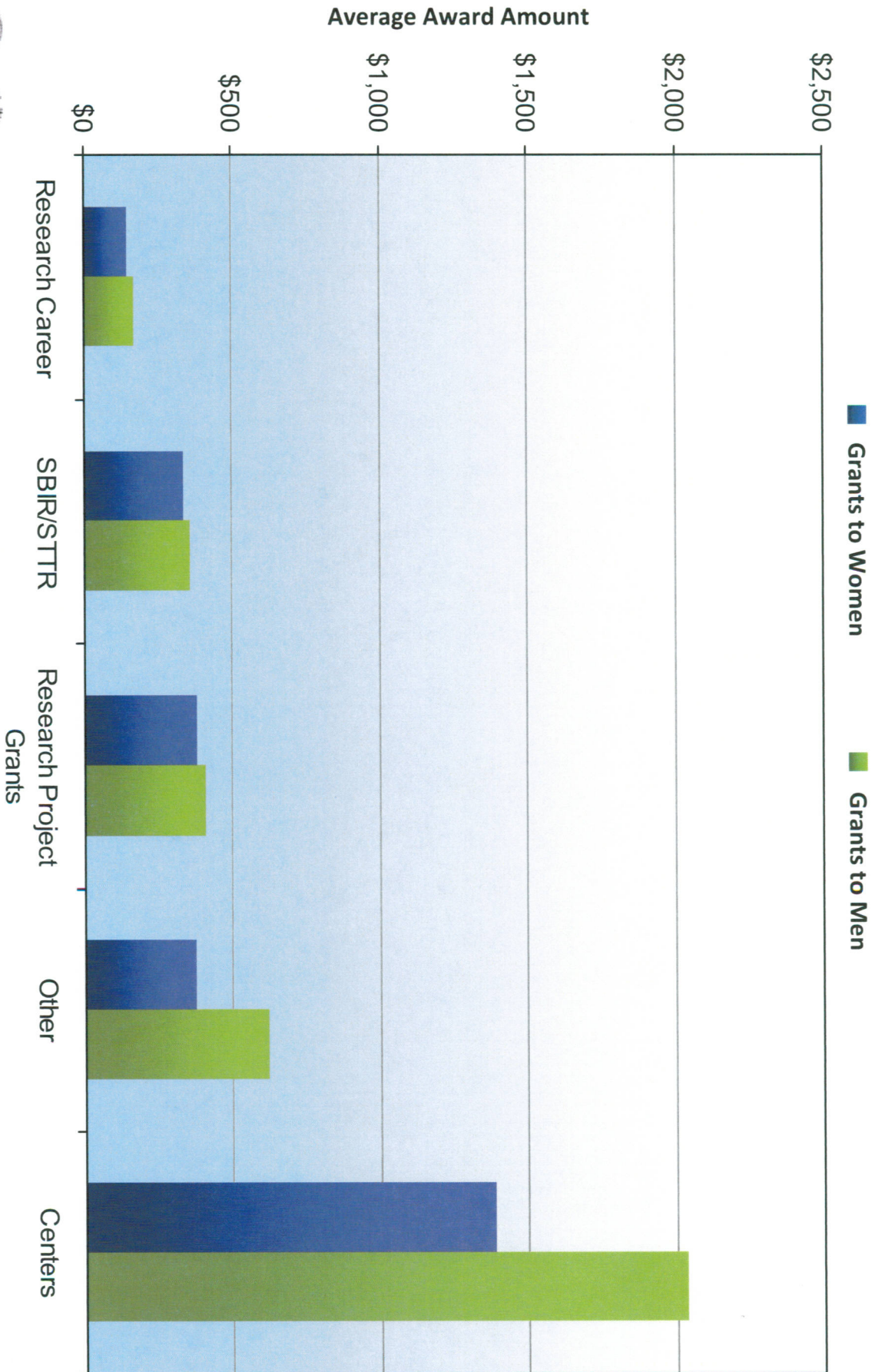


Average Award Amount  
(in thousands)



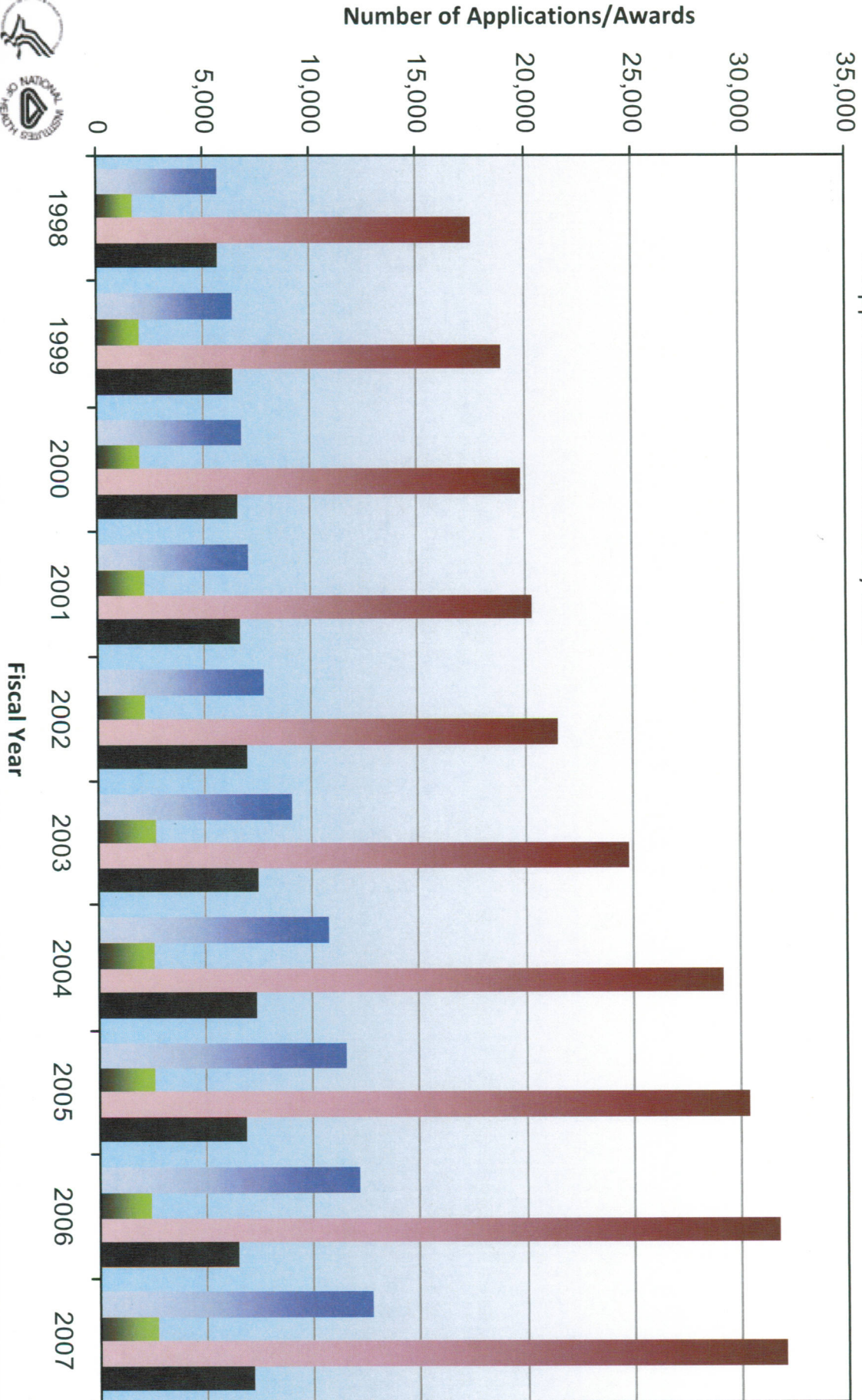


# AVERAGE AWARD AMOUNT OF RESEARCH GRANTS TO WOMEN AND MEN BY BUDGET MECHANISM FY 2007



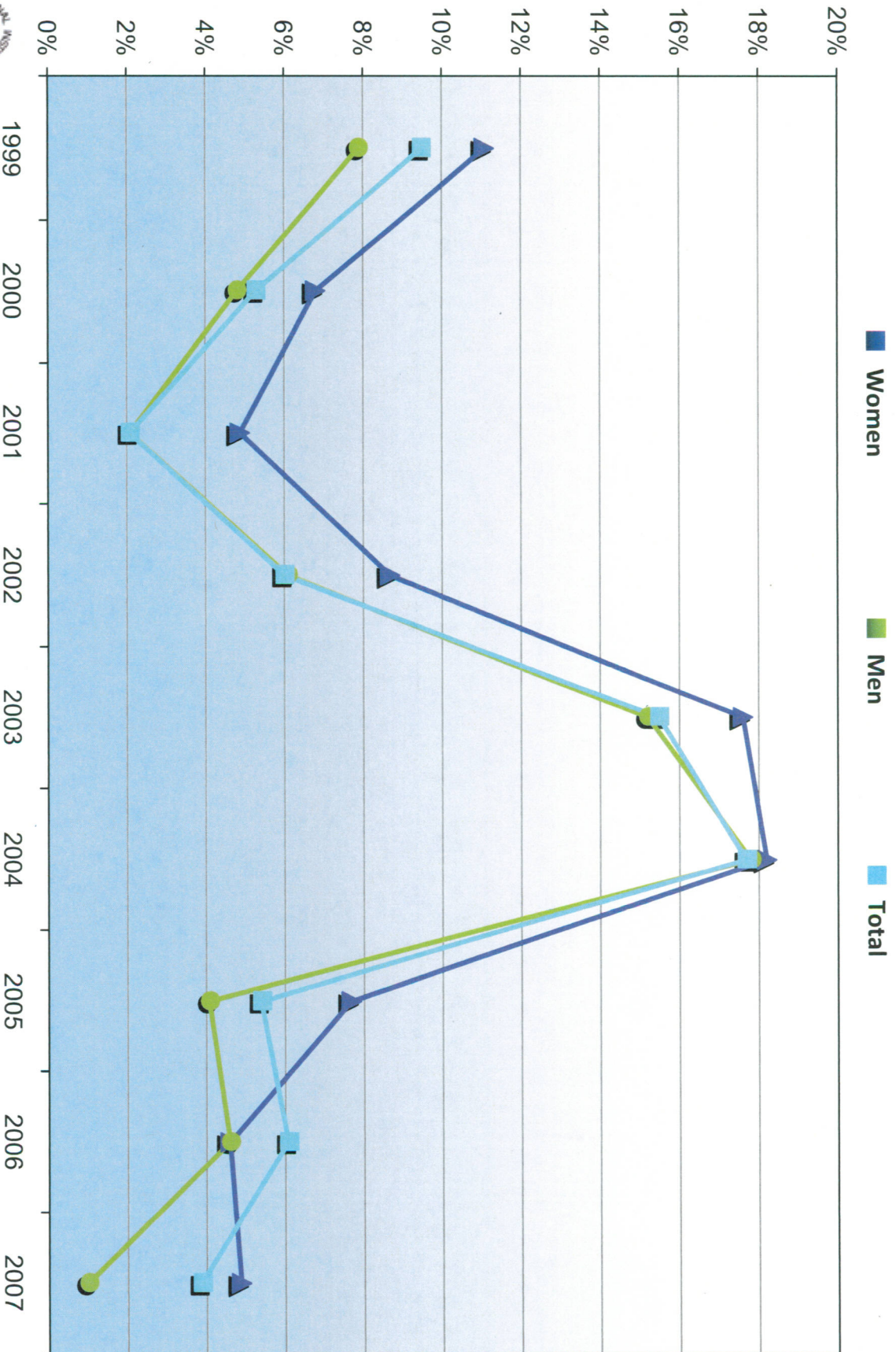


# NUMBER OF RESEARCH PROJECT GRANT APPLICATIONS AND AWARDS TO WOMEN AND MEN



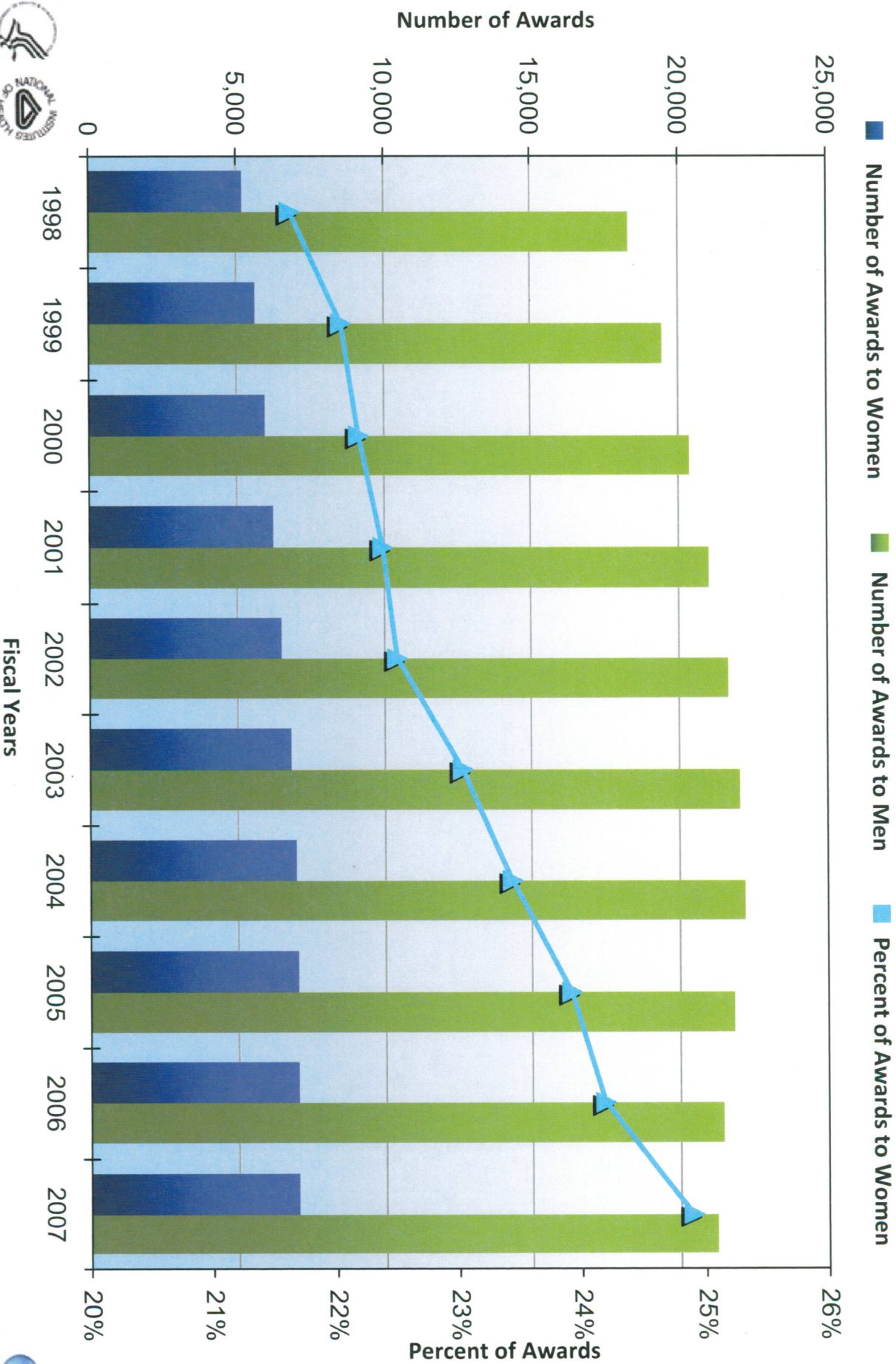


# PERCENT INCREASE IN NUMBER OF RESEARCH PROJECT GRANT APPLICATIONS FROM WOMEN AND MEN





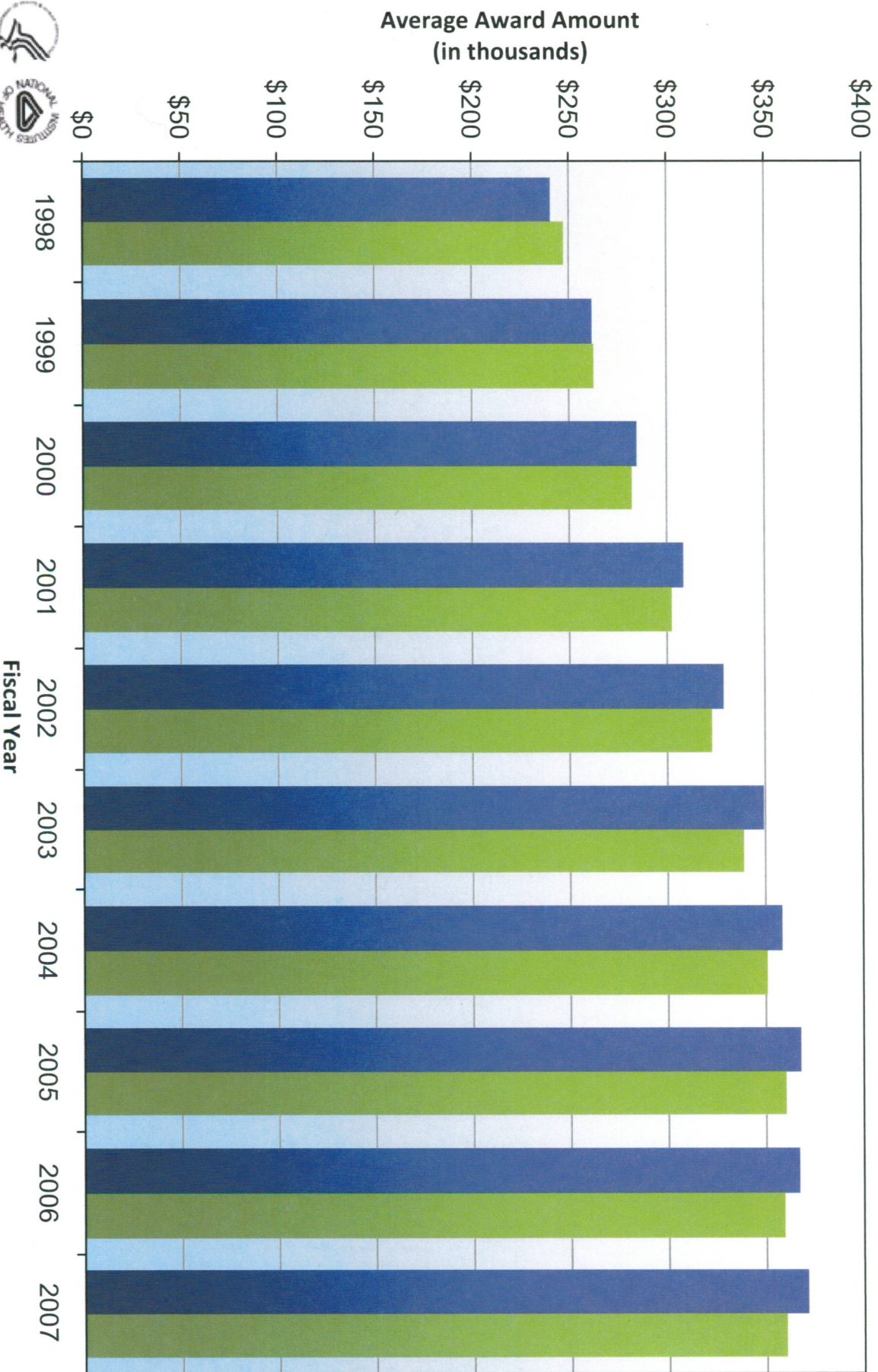
# NUMBER AND PERCENT OF R01 EQUIVALENT AWARDS TO WOMEN AND MEN





# AVERAGE AWARD AMOUNT OF R01 EQUIVALENT GRANTS TO WOMEN AND MEN

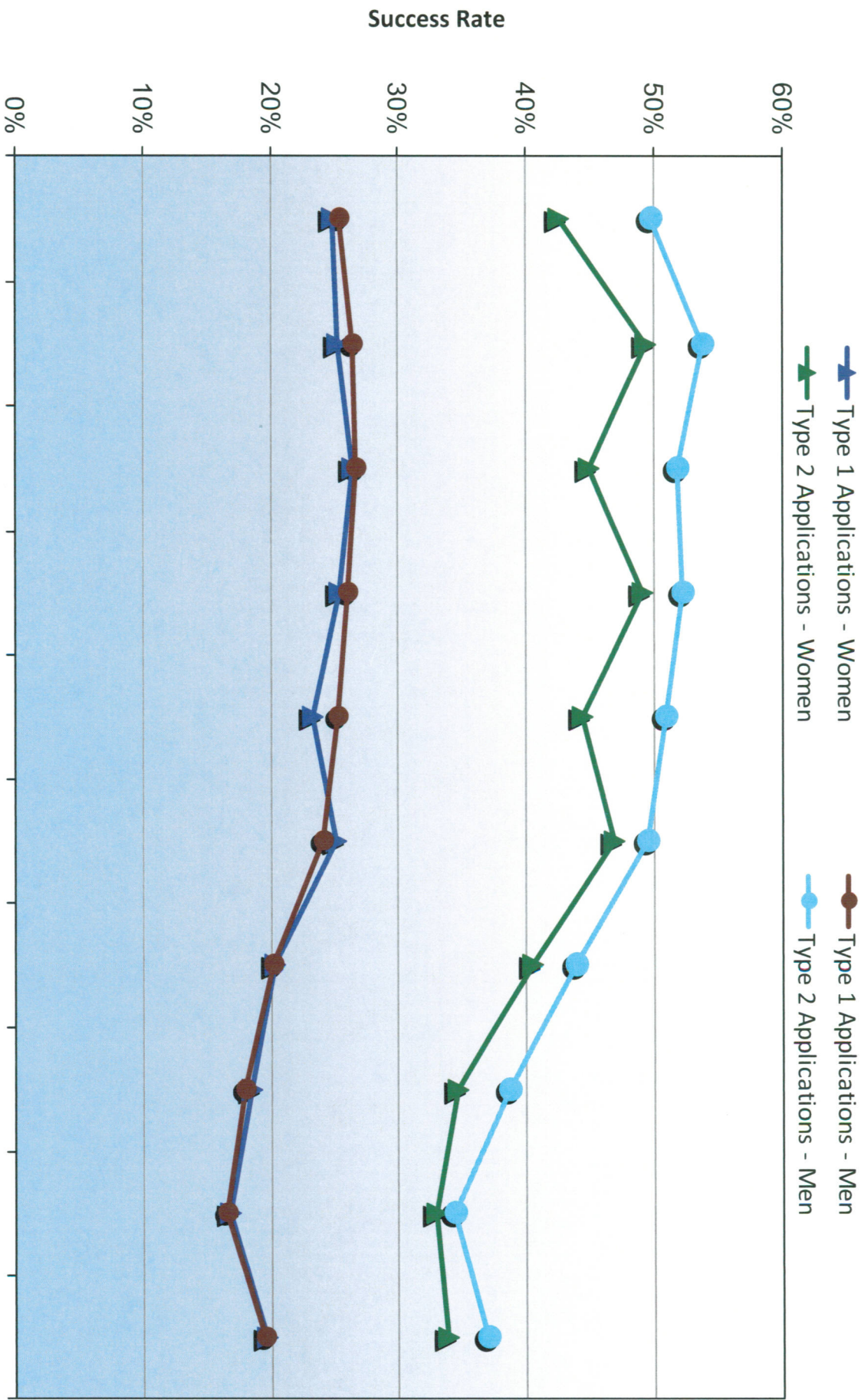
■ Average Award Women   ■ Average Award Men







# SUCCESS RATES OF WOMEN AND MEN ON NEW AND CONTINUING R01 APPLICATIONS

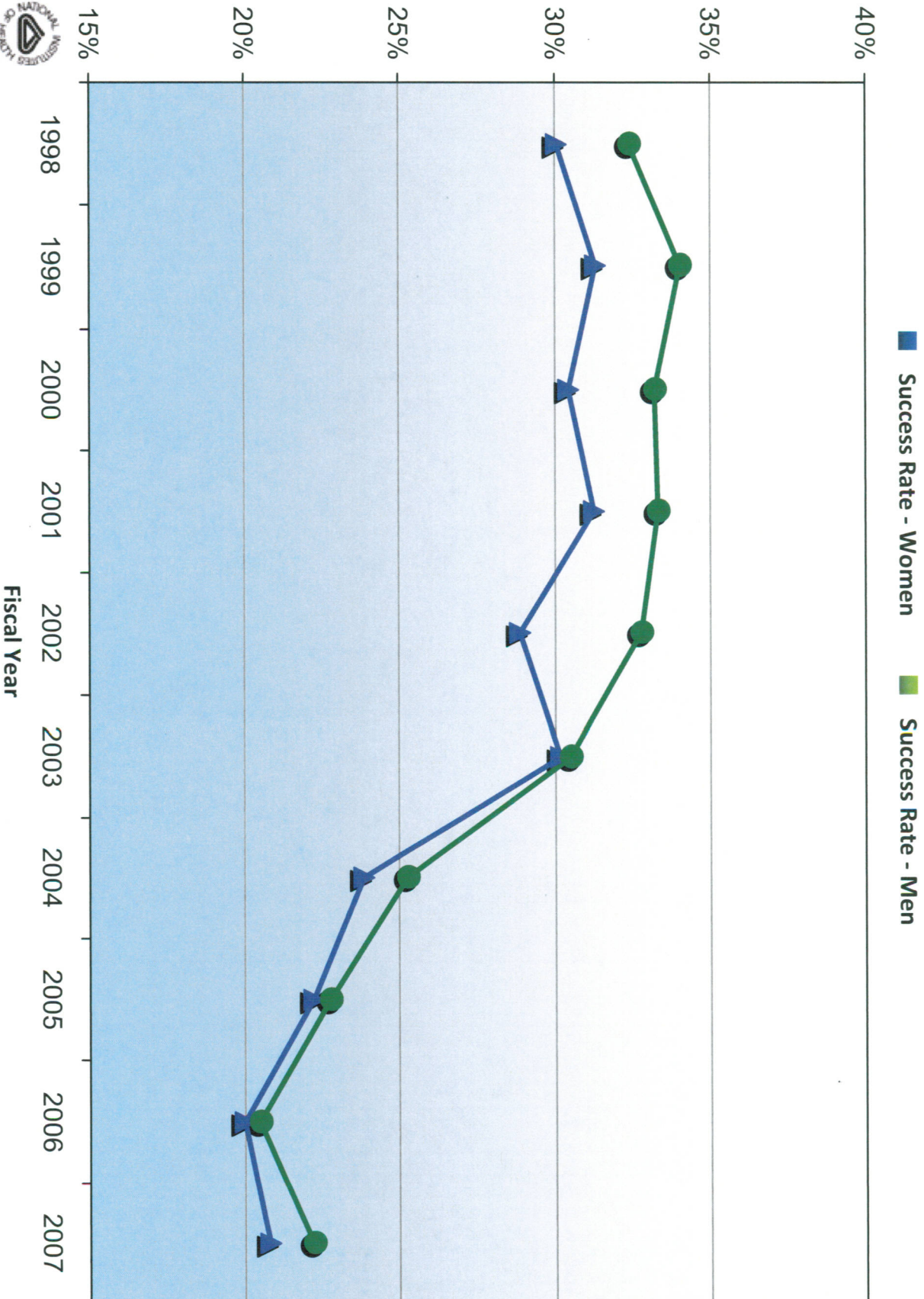




# SUCCESS RATES OF WOMEN AND MEN ON COMPETING RESEARCH PROJECT GRANT APPLICATIONS



Success Rate

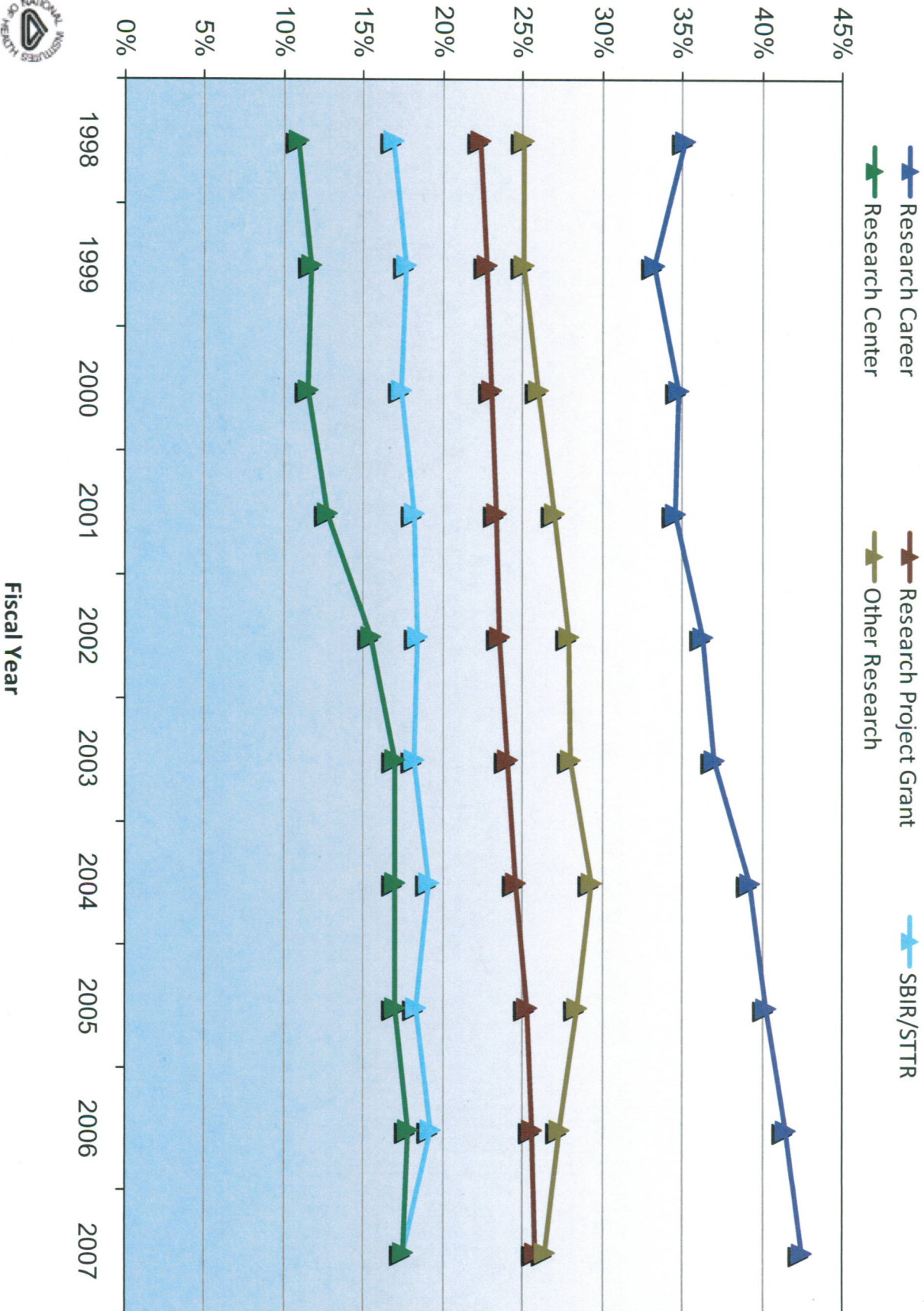




# PERCENT OF TOTAL AWARDS TO WOMEN BY BUDGET MECHANISM



Percent of Awards





## DEFINITIONS AND ADDITIONAL INFORMATION

TERM	DEFINITION	ADDITIONAL INFORMATION
Continuing Applications (Type 2)	Renewal (Competing Continuation) – Request for an additional term of support based on a funded previous project; must compete for available funds.	
Kirschstein – NRSA (Ruth L. Kirschstein National Research Service Award) Institutional Research Training and Fellowship Mechanisms	NIH's primary research training program which provides awards to both individuals and institutions to provide research training in specified health-related areas. Activities are as follows: T32, T34, T35, T36, T90, TL1, TL2, TU2, F30, F31, F32, F33, F3 and F35 (until 1998).	Ruth L. Kirschstein National Research Service Award (NRSA)
New Application (Type 1)	Request for Department of Health and Human Services support of a project that has not yet been funded	
Other Research	Research grants not classified as research project or research centers.	
R01 Equivalent Grants	Includes R01, R23, R29 and R37 activities	
Research Career Development	Funding mechanisms for Ph.D.s and clinicians who wish to develop a career in biomedical research. Activities are as follows: K01, K02, K04, K05, K06, K07, K08, K11, K12, K14, K15, K16, K17, K18, K20, K22, K23, K24, K25, K36, K30, K99, K11 and K12	Kiosk – Information about NIH Career Development Awards
Research Centers	Center grants are awarded to institutions on behalf of program directors and groups of collaborating investigators. They provide support for long-term, multi-disciplinary programs of research and development. Activities are as follows: G12, M01, P20, P30, P40, P41, P50, P51, P60, R07, U30, U40, U41, U42, U50 and U54.	



To access data tables for each slide while in presentation view right-click on the slide and select "edit slides". Then double-click on the graph image and the datasheet should appear in a separate window or select the data tab from the spreadsheet. If the datasheet does not appear, right-click in the chart area and select "datasheet"





# DEFINITIONS AND ADDITIONAL INFORMATION

TERM	DEFINITION	ADDITIONAL INFORMATION
Research Grants	<p>Extramural awards made for Other Research Grants, Research Centers , Research Projects, and SBIR/STTRs. Includes the following: R, P, M, S, K, U series (excluding UC6) DP1, DP2, D42,G12.</p>	
Research Project Grants (RPGs)	<p>Includes the following selected Research Grant and Cooperative Agreement activities : DP1, DP2, P01, P42, PN1, R00, R01, R03, R15, R21, R22, R23, R29, R33, R34, R35, R36, R37, R55, R56, RL1, RL2, RL5, RL9, U01, U19, U34, UC1, and UC7. Also includes RPGs from NLM as of FY07.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> <li>• In 1980 &amp; 1981 activity code, U01 was not a research project.</li> <li>• From 1989 until 1992 activity code, R55 was not a research project.</li> <li>• In 1986 NINR did not have any research projects.</li> <li>• From 1984 until 1989 NCRR did not have any research projects.</li> <li>• FIC did not have any research projects until 1994.</li> <li>• From 1991 until 1996 NCRR did not consider R21's research projects.</li> <li>• NLM had no research projects prior to 2007.</li> <li>• In FY 2002, P41s not RPG for NIGMS.</li> </ul>	<p><u>Activity Code Descriptions</u></p>
SBIR/STTR	<p>SBIR awards are designed to support projects from small businesses ultimately having commercial viability. STTR awards are a 3-year pilot program begun in FY 1994 under the Small Business Innovation Research Program designed to foster technological innovations through cooperative efforts between small business and research institutions.</p> <p>Activities are as follows: SBIR - R43, R44, U43 and U44. STTR - R41, R42</p>	<p><u>SBIR and STTR Programs</u></p> <p>SBIR Funding Opportunities</p>
Success Rate	<p>Indicates the percentage of reviewed <b>applications</b> receiving funding computed on a fiscal year basis. It is determined by dividing the number of competing applications funded by the sum of the total number of competing applications reviewed and the number of funded carryovers.</p> <p><i>Success rates differ from funding rates in that calculated percentages are based on applications and not applicants (individuals).</i></p> <p>NOTE: Applications having one or more amendments in the same fiscal year are only counted once.</p>	

